

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1046FLIGHT DATE 13 July 67SUIT # - 3DON OUTER GARMENT W/FLOAT GEAR -3WDOFF HELMET # -2TIME IN SUIT 5:15GLOVES # -3TECHNICIAN BOOTS -2

25X1

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOST-FLIGHTSYSTEM #1Max Pressure 118106120Differential 1.31.51.2Leak Rate 750400650SYSTEM #2Max Pressure 116120120Differential 1.31.51.2Leak Rate 1200450500Unpress Leak Rate 200350450Face Heat 19.5 Commo and Cord OK Pencils ✓ Knife ✓ Controller Number 8133 Packet ✓ Grease Zippers ✓ Check Location of CO₂ ✓ Pressure Tap Screws ✓

PRESSURE SUIT HOOK-UP AND CHECKLIST

1. ~~Packet~~ in pocket.
2. Stirrups secured.
3. ~~Communication~~ secured and functioning.
4. ~~Face~~ heat on (low).
5. Oxygen hoses secured in QD.
6. ~~Three~~ harness snaps secured - harness adjusted and surplus stowed.
7. ~~Kit~~ adjusted and surplus stowed.
8. Two (2) bailout hoses secured.
9. Lap belt, shoulder harness, key secured and adjusted.
10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
11. ~~Emergency~~ oxygen lanyard secured and pin removed.
12. Red knob secured.
13. ~~Green~~ apple secured.
14. ~~Manual~~ over ride handle secured.
15. Two (2) rocket jet releases secured.
16. Check face heat.
17. Heat probe.
18. Press to test both oxygen systems.
19. Readjust lap belt.

20. LOW oxygen pressure - #1 system 60/65 #2 system 65/70

21. HIGH oxygen pressure Departing #1 system 9 #2 system 9 1005 hrs

22. Foot rest guards over seat foot rests.

SUBJECT 1046 AIRCRAFT NUMBER 127
 TECHNICIAN DATE OF FLIGHT 13 July 67 STAT

HIGH oxygen pressure Returning #1 system 8 #2 system 8:25
 1455

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Pack opening elastics secured.
3. ✓ First stage jettison mated and pins secured.
4. ✓ Two (2) rocket jet units secured.
5. ✓ Manual over ride handle secured.
6. ✓ Green apple secured.
7. ✓ Red knob secured.
8. ✓ Bailout hoses adjusted for pressure suit.
9. ✓ Bailout hose connectors operating.
10. ✓ Harness adjusted for HIGH flight.
11. ✓ Automatic openers - triggered and reset.
12. ✓ Aneroids 1400' to 7500'.
13. ✓ Bailout cylinder pins secured.
14. ✓ Bailout cylinder pressure #1 1800 #2 1800.
15. ✓ Communication cord secured to chute.
16. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. Oxygen system low pressure #1 75/65 #2 80/70.
8. ✓ Pin in "D" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

SUBJECT

46

AIRCRAFT NUMBER

27

TECHNICIAN

DATE OF FLIGHT

July 67

STAT

SEAT KIT NUMBER

46

PARACHUTE NUMBER

102

TYPE CUSHION

SB

VENT HOSE NUMBER

60

PHYSIOLOGICAL SUPPORT DEBRIEFING

DATE 13 July 67 ACFT 127 PILOT
 TIME IN FLIGHT 3:45 TIME IN SUIT 5:15 PREBREATHING TIME 1:10

25X1

	SATISFACTORY	UNSATISFACTORY
1. PHYSICAL CONDITION (PILOT)	<u>✓</u>	<u> </u>
2. SURVIVAL KIT AND CUSHION	<u>✓</u>	<u> </u>
3. PARACHUTE <u>102</u>	<u>✓</u>	<u> </u>
4. HELMET <u>-2</u>	<u>✓</u>	<u> </u>
A. REFLECTIONS	<u> </u>	<u> </u>
B. FACE HEAT	<u> </u>	<u> </u>
C. COMMUNICATIONS	<u> </u>	<u> </u>
5. SUIT PROPER <u>-3</u>	<u>✓</u>	<u> </u>
A. CABIN DECOMPRESSION: YES <u>NO</u>		
6. OUTER GARMENT <u>-3 white</u>	<u>✓</u>	<u> </u>
7. BOOTS AND SPURS <u>00</u>	<u>✓</u>	<u> </u>
8. GLOVES <u>-3</u>	<u>✓</u>	<u> </u>
9. OXYGEN SYSTEM	<u>✓</u>	<u> </u>

DEPART		RETURN	
TIME	AMT	TIME	AMT

#1 1005 9.0 1455 8.0

#2 1005 9.0 1455 8:25

10. MISCELLANEOUS

11. EVALUATION ITEMS

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

STAT

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 1105-1135 ✓
DESIGNATE LIFE SUPPORT TECHNICIANS: [REDACTED] P. [REDACTED] S. [REDACTED]

H-23:30: ATTEND COMMANDERS BRIEFING: 1135 ✓
SUBMIT HANGAR ACCESS ROSTER, 2 CYS 1 TO MC 1 TO SECURITY.....
SUBMIT RECOVERY ROSTER, 1 CY TO MC 1 CY TO ADMIN. 1305-1325 ✓
H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
SURVIVAL AND E&E ITEMS:..... 1305-1805 ✓

*H-22:00 TO H-17:00: PREFLIGHT: ✓
BOTH SUITS (EA PILOT)..... ✓
PARACHUTE AND EMERGENCY O2 SYSTEMS..... ✓
SEAT KIT COMPONENTS..... ✓
SUIT ROOM VENT..... ✓
LOX VENT UNIT..... ✓
OXYGEN CYLINDERS..... ✓
TEST EQUIPMENT..... ✓
TRANSPORT VANS..... ✓

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:..... 1505 ✓
H-3:45: RECEIVE PHONE CALL FROM MISSION COORDINATOR:..... 0720 ✓
OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓

P. [REDACTED] S. [REDACTED] ✓
H-3:45: RECEIVE PHONE CALL FROM MISSION COORDINATOR:..... 0720 ✓
OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

H-3:45: RECEIVE PHONE CALL FROM MISSION COORDINATOR:..... 0720 ✓
OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
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OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

H-3:45: RECEIVE PHONE CALL FROM MISSION COORDINATOR:..... 0720 ✓
OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

H-3:45: RECEIVE PHONE CALL FROM MISSION COORDINATOR:..... 0720 ✓
OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

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OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

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OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

H-3:45: RECEIVE PHONE CALL FROM MISSION COORDINATOR:..... 0720 ✓
OBTAIN NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT: ✓
P. [REDACTED] S. [REDACTED] ✓

FULL PRESSURE SUIT TEST LOGSUBJECT # 1054

FLIGHT DATE _____

SUIT # -3

DON _____

OUTER GARMENT W/FLOAT GEAR -3

DOFF _____

HELMET # -1

TIME IN SUIT _____

GLOVES # -6

TECHNICIAN _____

BOOTS -2

STAT

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOST-FLIGHTSYSTEM #1Max Pressure 118110102Differential 1.21.31.2Leak Rate 13501751100SYSTEM #2Max Pressure 110120112Differential 1.21.21.2Leak Rate 1500200950Unpress Leak Rate 500300500Face Heat 18.5✓Commo and Cord OK~~300~~ 2Pencils ✓Knife ✓Controller Number 71Packet ✓Grease Zippers ✓Check Location of CO₂ ✓Pressure Tap Screws ✓*Secondary Pilot*

PRESSURE SUIT HOOK-UP AND CHECKLIST

1. ~~Packet~~ in pocket.
2. ~~Stirrups~~ secured.
3. ~~Communication~~ secured and functioning.
4. ~~Face~~ heat on (low).
5. Oxygen hoses secured in QD.
6. ~~Three~~ harness snaps secured - harness adjusted and surplus stowed.
7. Kit adjusted and surplus stowed.
8. Two (2) bailout hoses secured.
9. Lap belt, shoulder harness, key secured and adjusted.
10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
11. Emergency oxygen lanyard secured and pin removed.
12. Red knob secured.
13. Green apple secured.
14. Manual over ride handle secured.
15. Two (2) rocket jet releases secured.
16. Check face heat.
17. ~~NA~~
18. Press to test both oxygen systems.
19. Readjust lap belt.
20. LOW oxygen pressure - #1 system 80/70 #2 system 80/75
21. HIGH oxygen pressure Departing #1 system 9.4 #2 system 9.4
22. Foot rest guards over seat foot rests. 11/5

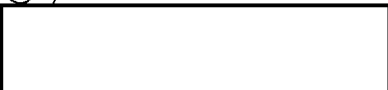
SUBJECT

54

ALTIMETER NUMBER

STAT

TECHNICIAN



HIGH oxygen pressure Returning #1 system _____ #2 system _____.

EQUIPMENT PREFLIGHT FOR HIGH FLIGHTPARACHUTE

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Pack opening elastics secured.
3. ✓ First stage jettison mated and pins secured.
4. ✓ Two (2) rocket jet units secured.
5. ✓ Manual over ride handle secured.
6. ✓ Green apple secured.
7. ✓ Red knob secured.
8. ✓ Bailout hoses adjusted for pressure suit.
9. ✓ Bailout hose connectors operating.
10. ✓ Harness adjusted for HIGH flight.
11. ✓ Automatic openers - triggered and reset.
12. ✓ Aneroids 1400' to 7500'.
13. ✓ Bailout cylinder pins secured.
14. ✓ Bailout cylinder pressure #1 1800 #2 1800.
15. ✓ Communication cord secured to chute.
16. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. ✓ Oxygen system low pressure #1 80/75 #2 80/75.
8. ✓ Tip pin in "D" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

SUBJECT 5HAIRCRAFT NUMBER 31TECHNICIAN []DATE 13 July 64 STATSEAT KIT NUMBER 5HPARACHUTE NUMBER 139TYPE CUSHION 5BVENT HOSE NUMBER 76

STAT

PA/C 127
SA/C 131

PA
SA



P TO 1105L 13 July 67
S TO 1205L " " "

102 m: 1
103 (

TOP SECRET

FROM: Mission Coordinator

12 JULY 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on 12 JULY 1967 at
1135 L. The briefing concerns the following:

1. Mission Code Name and Number: [REDACTED]
2. Date/Time of Launch (H-Hour): 13 JUL / 0205 Z / 1105 L.
3. Ground Spare (H+1:00): 13 JUL / 0305 Z / 1205 L.
4. Bases: Takeoff KADENA Staging -----, Landing KADENA.
5. Equipment required: [REDACTED]
[REDACTED]
6. Ground Spare Requirements: SAME AS PRIMARY EXCEPT
[REDACTED]
7. Special Instructions/Comments: MODIFIED BLACKSHIELD
CANNED MEN # 19

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FLT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTFC(SAC)	_____	(Notify Only)

TOP SECRET

FROM: DCOL [REDACTED]

12 July 1967

25X1

SUBJECT: Recovery Personnel for Mission [REDACTED]

25X1

TO: DCO

[REDACTED]

25X1

[REDACTED], Major, USAF
DCOL

25X1

FROM: DCOL [REDACTED]

12 July 1967

25X1

SUBJECT: Access Roster for Mission [REDACTED]

25X1

TO: Mission Coordinator

	C. P.	HANGAR/COCKPIT	DCOL
[REDACTED]	X	X	X
		X	A
		X	X
		X	X
		X	X
		X	X

25X1

[REDACTED], Major, USAF
DCOL

25X1